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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/938,391

DATE: 09/13/2001
TIME: 12:33:26

Input Set : A:\PC10790A.app
Output Set: N:\CRF3\09132001\I938391.raw

3 <110> APPLICANT: Tong, et al.
5 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND TREATING
6 DISORDERS INVOLVING ANGIOGENESIS
8 <130> FILE REFERENCE: PC10790A
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/938,391
C--> 11 <141> CURRENT FILING DATE: 2001-08-24
13 <160> NUMBER OF SEQ ID NOS: 4
15 <170> SOFTWARE: PatentIn Ver. 2.1
17 <210> SEQ ID NO: 1
18 <211> LENGTH: 829
19 <212> TYPE: DNA
20 <213> ORGANISM: CANINE PRO ENDOSTATIN NUCLEOTIDE SEQUENCE
22 <400> SEQUENCE: 1

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25 cccgtccaca cccacacca caccaccag gacttccagc tgggtgctgca cctgggtggcc 180
26 ctgaacagcc cgcagccggg cggcatgcga ggcattccggg gaggcgactt ccagtgttc 240
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29 agggacgagg tgctcttccc cagctgggag gccttattct cgggctccga gggccagctg 420
30 aagcccgggg cccgcatctt ctctttcgac ggcagagatg tcttcgagca cccgccttg 480
31 ccccggaaga gcgtgtggca cggtccgac cccagcgggc gccgcctgac cgacagctac 540
32 tgcgagacgt ggcggacgga ggccccggcg gccaccgggc aggcgtcgtc gctgctggcg 600
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34 gagaacagcg tcatgacctc cttctccaag tagggccgcg cggccacagg acaggcgggg 720
35 gagggggcgc ccgcaggagc atccgcgcgc ccgggggggc ctggccggga cgcttgccctg 780
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39 <210> SEQ ID NO: 2
40 <211> LENGTH: 230
41 <212> TYPE: PRT
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44 <400> SEQUENCE: 2
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46 1 5 10 15
48 Pro Gln Pro Tyr Pro Gly Ala Pro His His Gly Ser Tyr Val His Phe
49 20 25 30
51 Gln Pro Ala Arg Pro Thr Gly Gly Pro Val His Thr His Thr His Thr
52 35 40 45
54 His Gln Asp Phe Gln Leu Val Leu His Leu Val Ala Leu Asn Ser Pro
55 50 55 60
57 Gln Pro Gly Gly Met Arg Gly Ile Arg Gly Ala Asp Phe Gln Cys Phe
58 65 70 75 80
60 Gln Gln Ala Arg Ala Ala Gly Leu Ala Gly Thr Phe Arg Ala Phe Leu
61 85 90 95
63 Ser Ser Arg Leu Gln Asp Leu Tyr Ser Ile Val Arg Arg Ala Asp Arg
64 100 105 110
66 Thr Gly Val Pro Val Val Asn Leu Arg Asp Glu Val Leu Phe Pro Ser

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67          115          120          125
69 Trp Glu Ala Leu Phe Ser Gly Ser Glu Gly Gln Leu Lys Pro Gly Ala
70          130          135          140
72 Arg Ile Phe Ser Phe Asp Gly Arg Asp Val Leu Gln His Pro Ala Trp
73 145          150          155          160
75 Pro Arg Lys Ser Val Trp His Gly Ser Asp Pro Ser Gly Arg Arg Leu
76          165          170          175
78 Thr Asp Ser Tyr Cys Glu Thr Trp Arg Thr Glu Ala Pro Ala Ala Thr
79          180          185          190
81 Gly Gln Ala Ser Ser Leu Leu Ala Gly Arg Leu Leu Glu Gln Glu Ala
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88 225          230
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92 <211> LENGTH: 555
93 <212> TYPE: DNA
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99 gggctggccg gcaccttccg ggccttcctg tcgtcgcggc tgcaggacct ctacagcatc 180
100 gtgcgccgcg ccgaccgcac cggggtgccc gtcgtcaacc tcagggacga ggtgctcttc 240
101 cccagctggg aggccttatt ctccggctcc gagggccagc tgaagcccgg ggcccgcac 300
102 ttctctttcg acggcagaga tgtcctgcag caccgccctt ggcccgggaa gagcgtgtgg 360
103 cacggctccg accccagcgg gcgccgcctg accgacagct actgcgagac gtggcggacg 420
104 gagggcccgg cggccaccgg gcaggcgtcg tcgctgctgg cgggcaggct gctggagcag 480
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119 20 25 30
121 Cys Phe Gln Gln Ala Arg Ala Ala Gly Leu Ala Gly Thr Phe Arg Ala
122 35 40 45
124 Phe Leu Ser Ser Arg Leu Gln Asp Leu Tyr Ser Ile Val Arg Arg Ala
125 50 55 60
127 Asp Arg Thr Gly Val Pro Val Val Asn Leu Arg Asp Glu Val Leu Phe
128 65 70 75 80
130 Pro Ser Trp Glu Ala Leu Phe Ser Gly Ser Glu Gly Gln Leu Lys Pro
131 85 90 95
133 Gly Ala Arg Ile Phe Ser Phe Asp Gly Arg Asp Val Leu Gln His Pro
134 100 105 110

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136 Ala Trp Pro Arg Lys Ser Val Trp His Gly Ser Asp Pro Ser Gly Arg
137          115          120          125
139 Arg Leu Thr Asp Ser Tyr Cys Glu Thr Trp Arg Thr Glu Ala Pro Ala
140      130          135          140
142 Ala Thr Gly Gln Ala Ser Ser Leu Leu Ala Gly Arg Leu Leu Glu Gln
143 145          150          155          160
145 Glu Ala Ala Ser Cys Arg His Ala Phe Val Val Leu Cys Ile Glu Asn
146          165          170          175
148 Ser Val Met Thr Ser Phe Ser Lys
149          180
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VERIFICATION SUMMARY

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L:10 M:270 C: Current Application Number differs, Replaced Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date